

AMENDMENTS TO THE ABSTRACT OF THE DISCLOSURE

Please amend the Abstract by rewriting same to read as follows.

A memory space of a memory cell array is ~~previously~~ divided into a plurality of ~~sub-memory~~ submemory spaces. A refresh control circuit executes a control of performing refreshment of information to the ~~sub-memory~~ submemory spaces that are in use at the time of the refreshment of the information and need the refreshment among the plurality of ~~sub-memory~~ submemory spaces[[,]] and [[the]] executes a control of not performing the refreshment to the ~~sub-memory~~ submemory spaces ~~which~~ that are not in use and do not need the refreshment.